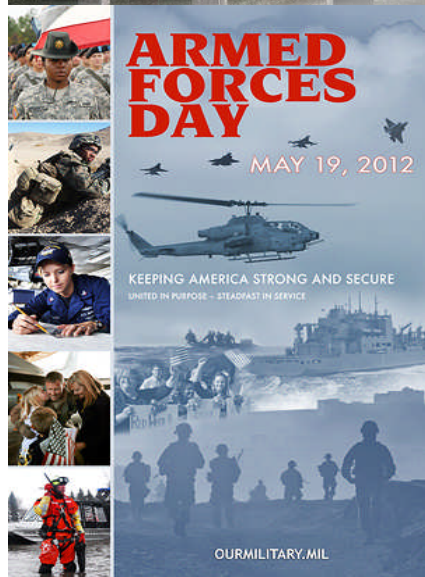


General Meeting
Friday May 18, 2012
7:30pm

Our Saviors Lutheran Church
1035 Carol Lane Lafayette

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May 18 Meeting Programs:

Frequency Measuring and MSMM-MESH Networks

First at bat, we have John Stuart KM6QX and a presentation on frequency measurement. John has taken a difficult ham skill and turned it into an art form. John has won several awards for his ability to discern the exact frequency being transmitted, often under less than ideal circumstances. He has the wallpaper to prove it, and is honoring us with an intriguing presentation on just what it takes to be the best at frequency measurement.

Bringing the runners in is Glen Rickerd NO6W with a presentation on the implementation of HSMM-MESH networks. Glen has been spearheading a campaign within MDARC to build a ham based MESH IP network. A HSMM-MESH network enables hams to move high speed data wirelessly over a wide area. The data can include such things as email, data files, streaming video, and much more. The more MESHes that there are, the greater potential for speed, reliability and distance covered. Please join us to learn about this exciting new mode and how you can participate!

— Vice President Jim Siemons AF6PU

PUBLIC SERVICE OPPORTUNITIES

It's that time of year when we begin organizing for this year's ham radio public service events. I am putting together a list for the MDARC Public Services webpage and for The Carrier newsletter. Here is a sneak preview, so you can begin planning what you would like to volunteer for. Some information below is not yet fully confirmed. We definitely appreciate and love to have your participation. These are great events in beautiful places, they are fun to do, invaluable to the community organizations that we assist, and great opportunities to use your cool ham radio equipment.

7/4/12: Pleasant Hill 4th of July Parade (morning), for the City of Pleasant Hill
Radio Coordinator: Pete Harris

July and August, 2012: 2 or 3 Alcatraz swim and San Francisco Triathlon events in San Francisco Bay and waterfront. I hope to soon have dates.

10/7/12: Mt. Diablo Challenge bike ride up Mt Diablo, for Save Mt. Diablo.

Pete Harris, KE6ZIW
Public Services Coordinator
Pharris125@comcast.net
925-228-4503



Mount Diablo Amateur Radio Club W6CX
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The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and provided space is available.

President - Bob Tevrucht, N6TEV
Vice President - Jim Siemons AF6PU
Secretary - Richard Fletcher, AF9RF
Treasurer - Misa Siemons, KJ6BUE
Emergency Coordinator - Tom Kramer WA6NYP

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Director & Education and Training Committee Chair
John Primus AF6RJ af6rj@arrl.net

Director At Large
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Treasurer: Misa Siemons KJ6BUE
Secretary: Patrick Rigney N6UPS
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Youth and Education Programs - Bill Ryan KJ6IGX
Volunteer Examinations - George Tickner K6NHY
Public Service - Pete Harris KE6ZIW
Field Day Chairs - Lauren Styles WA6CIE and Elizabeth Styles KG6HLV
Communications Trailer - Brent Morgan AF6HQ

Amateur Television Help and Information:
John Schuler W6DTV JOHNQRZ@aol.com

ALL MEMBERS ARE INVITED TO JOIN THE CLUB YAHOO GROUP. DOWNLOAD FILES, INCLUDING *THE CARRIER* IN FULL COLOR AS WELL AS SHARE INFORMATION WITH THE MEMBERSHIP AT:

<http://groups.yahoo.com/group/mdarc>

MDARC WANTS *YOU* TO SERVE AS A PACIFICON VOLUNTEER !



October 12, 13, 14, 2012

For more information and to volunteer for a shift, please contact Sam Sampayan at kj6pcm@gmail.com .

We are hosting the ARRL National Convention and more Volunteers are needed to help make Pacificon a great success. October is about five months away and Pacificon will be here before we know it.

Some of the things we need help with are:

- Door monitors to check registration badges for the Forums
- Security to watch over the Exhibit Hall and Swap Meet
- Attendants for the Registration Desk to process registrations and “will call” tickets
- Talk-in staff

No special qualifications required – only the desire to make this event the best Pacificon ever. There are many 2 and 4 hour shifts to choose from, even some evening security shifts. Want to see a forum? Then schedule a shift during it and provide a great service at the same time. ***As an extra bonus, if you volunteer for a total of 8 hours, your \$23 registration fee will be refunded!***

MDARC General Meeting Minutes 4/20/12

John, the MDARC President, opened the meeting with the salute to the flag of the United States of America.

Trevor gave a brief Technical Committee report.

Misa, the Treasurer, reviewed the status of each account. The total for all accounts is approximately \$43,000 in cash and instruments.

John, Education Chair, discussed plans for expanding the girl and boy scouts activities at the PACIFICON National Convention 10/19 and 20.

It was announced that the VE's successfully passed 2 new General, 2 new Extra and 4 new Technical Class licensees prior to the meeting.

Tom Deeble briefly discussed the current satellites the hams are using. He made a motion that was seconded and passed by the attending membership to donate \$450.00 to the Ham Satellite program. He will add \$50.00 of his own to make a total of \$500.00.

Tom, Membership Chair, announced that the membership is up to 300 for the year which is excellent.

Lauren, Field Day Chair, discussed the June Field Day event starting on 6/22. He has three band captains for 40, 20 and 10. If you are interested in helping, he would love to hear from you.

Lauren also discussed the annual ham camping trip to the Sugar Pine National Recreation Area on June 2. This will be the 43rd year for the event. If you would like to know more, connect with the W6PW.COM web site.

There will be a Salvation Army event on their Clayton Road site on June 30 to help raise money and food for the Food Bank. Those attending are welcome to use the Radio Station and view several public service displays that are planned.

Jim, PACIFICON Chair, announced that the new PACIFICON web site is up and has received lots of ticket buyers. If you can help at the convention this year there are lots of opportunities. Contact K6PCM@gmail.com to get signed up.

Minutes by Dick Brown, KT6X

MDARC Board Meeting minutes

May 7, 2012

Presided over by Jim Siemons
Vice President

The meeting took place at 7:07 pm at the Black Bear restaurant in Walnut Creek, Ca.

Attendees were - Bill Swindell	Jay Caldis	Dale McIntyre
John Primus	Trevor Hall	Misa Siemons
Dale McIntire	Tom Kramer	Tom Deeble

There was a motion, which was seconded and approved, to accept the minutes of the previous month's meeting.

Vice President Jim announced the program for the upcoming general meeting for this month as presentations by Tom Stuart explaining the frequency measuring contest sponsored by ARRL and Glen Rikard detailing a new concept, HSMM-MESH. Dale gave us a quick briefing on the latter.

Misa gave the treasurer's report showing that there was a total of \$38,603 in all accounts. The auction returns are currently at \$1600 to the good with a few more transactions to complete. There was a motion, a second and approval for the report. She said further that Pacficon has collected over \$5K to date. She said that this project was alive and well.

There was no Tech committee report as there was no meeting.

The education committee's report was the Tech class has 17 attendees ready to test. The Extra class has 33 attendees with testing scheduled for June. A Tech class with testing is planned for Pacficon.

Tom Deeble reported that the current member count is 305 with more renewals expected.

Tom Kramer reported that RACES is working on antennae on the roof at EOC and that they are redoing their trailer. The CARES vehicle has been surveyed and equipment has yet to be purchased. There was a short discussion about ARES.

There was field day report stating that we will be having a "B" team on Mt Diablo this year.

It was noted that we need to plan well ahead for next year's auction to be sure to find a location. The usual location will not be available during April then.

There was no grant pursuit committee report at this time.

No progress on the ATV project at this time.

On the subject of Old Business there was discussion about ATV.

No new business at this meeting.

There was a motion, a second and approval to adjourn at 8:03 pm

Respectfully submitted
Richard Fletcher, AF9RF
Secretary



43rd Anniversary Campout Party

" A 2012 Camping Adventure"

June 1st, 2nd, & 3rd

Introduction

The joint SFARC-MDARC campout will take place starting on Friday, June 1st and end on Sunday, June 3rd at the Sugar Pine Dam Recreation Area. It is one of the most beautiful spots in Placer County. This will be a joint venture between the Club and a another group of radio amateurs who have meeting for this annual event for the last 30 years. We are limited to 50 people at this site so get your reservations in early.



What The Campsite Provides

At approximately 3,000 feet above sea level, the campground has water and restroom facilities, no hookups, but nice spaces for trailers, tents and motor homes. There are three large barbecue pits available at our site as well as a large recessed pit for a grand campfire. There are plenty of trees as well as open space for stringing a G5RV and a double extended zepp for your HF station if it is your desire to bring one. However there are plans for at least one active HF station from WA6UHA (weather permitting). We will be using the club call, W6PW. Tentatively our stations will be active on 40 and 75 meters, during the day on 7253 khz and the Noon Time Net frequency of 7268.5 khz (Friday afternoon and all day Saturday) and at night (Friday & Saturday) on 3908 khz (the [WARFA](#) frequency). It's time to pack up and enjoy the great outdoors and warm up for Field Day coming three weeks later. VHF and UHF paths for both Bay Area and Sacramento television and FM stations are quite good even with simple antennas. Obviously, working 2 meters and 440 into Sacramento and the Bay Area repeaters is not difficult especially during the early morning hours when path conditions are ideal.

The Sugar Pine Lake is just a 1/2 mile from the campsite. A hiking trail leads to the water and connects to another trail that follows the perimeter of the lake. The main swimming area is located on the opposite side of the lake and is accessible by hiking or by a 10 minute drive.

A Chronological Look At The Planned Activities

Friday, June 1

Between 12 noon and 1 PM, the forest ranger will arrive to unlock the gate for access to our site. The gate will remain open through out our stay. Also during this time and throughout the afternoon and the early evening the 145.43 repeater (PL 162.2hz), K6MDD A & C D-star, and 146.49 simplex will be monitored. When you arrive, park at any of the available spaces. There are plenty. That evening, you are on your own for dinner. Use your Weber or the barbecue pits provided at the site.

Saturday, June 2

In the morning, you are on your own for breakfast after which, if you desire, join us for a hike to and around the lake. Weather pending, the view will be picture postcard as we make our way around. We will pass the swimming area and cross the dam as we make our way back to Rocky Ridge. The hike should take approximately 2 hours.

After arriving back at the campsite, you are on your own for lunch if you desire but most of us would probably settle for a tall cold one. Later on you can scrounge around for wood for the campfire that night. Around 4:30 the full socializing begins and the bar is open. Bring out the appetizers and munches which is part of the pot luck. Also during this time, the host supplied charcoal will be prepared and the barbecue pits will be lit. However, before dinner as an idea conceived by Fred Townsend AE6QL, we will have a champagne cork popping contest. To participate in this event, bring your own champagne ...***AND NO BOTTLES WITH SCREW-ON CAPS...CORK ONLY.***

As for dinner that follows, the hot coals will be provided for cooking your choice of meat. Please bring out a side dish, salad, rolls for dinner and dessert to share, and don't forget there will be great music for everyone's taste provided by Dave, WA6UHA.

After dinner, the camp fire will be started so bring your own marshmallows. The sticks will be provided by the campsite. Enjoy the fire as we sing, chat, or whatever you would like to do at this time. Plus we will have a real space odyssey with a few astronomical telescopes set up.

Sunday, June 3

At approximately 8 am, preparation will be underway for the host provided barbecued pancakes. Two kinds will be provided, plain and Oregon Blueberry. After many years of research we were able to come up with a process that prevents the pancake batter from seeping through the grill and on to the charcoal. Supply your own beverages and sides and share if you like.

In the late morning, it's cleanup time and we say our good-byes until next year.

the site. In any case, stay on the blacktop. Eventually you approach a junction with the main road rush hours.

Looks Great...Now How Do We Get There??

From San Francisco, drive east on Interstate 80 through Auburn and exit at Foresthill. Head east on Foresthill Road crossing the mile long panoramic American River Bridge. Continue heading east for about 20 miles and you will reach the town of Foresthill. After passing through town continue east for another 10 miles and turn left at Sugar Pine Dam Road. There should be sign just before you reach the junction. Once you are on Sugar Pine Dam Road (Route 10), follow the road carefully, there are a few turnoffs that can possibly throw you off course. If you have any questions while on Foresthill or Sugar Pine Dam road, you should be in simplex range. Monitor 146.49. The 145.43 (PL 162.2) Auburn repeater should also be available and it will be the primary talk-in to get you to the site. In any case, stay on the blacktop. Eventually you approach a junction with the main road going slightly to the left and a road going slightly to the right with a gate which should be open for us. This is also the junction where route 10 ends as indicated by a sign even though the road continues. As you go past the gate, there is a sign posted there marking the reserved group campsites. Follow the signs for the Rocky Ridge site which will be reserved for us. The total drive time from San Francisco to the campground should be approximately 3 hours if you avoid the Bay Area and Sacramento rush hours.

Cost To You

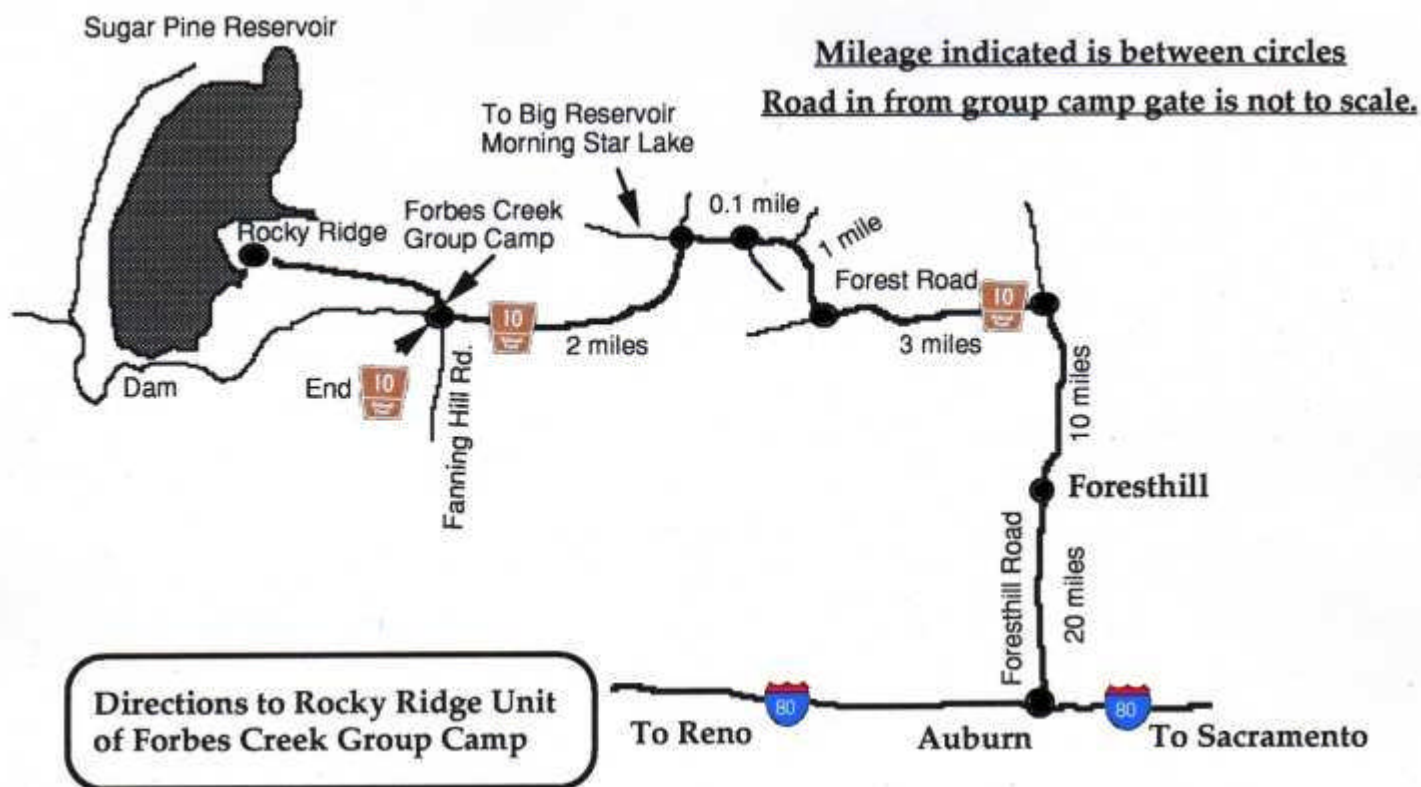
Just \$40 per family!! The more the participants...you might not have to dig so deep into your wallet...

How To Make Reservations

E-mail your name, home QTH, type of vehicle, and number in your party to:

Dave, WA6UHA at youha@pacbell.net .

Below is a map to assist you .



HAM RADIO OUTLET

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Woodbridge, VA	va@hamradio.com	1-703-643-1063	1-800-444-4799	1-703-494-3679



The Carrier

Newsletter of the Mt. Diablo Amateur Radio Club

P.O. Box 23222

Pleasant Hill, CA 94523

www.mdarc.org



FIRST CLASS

October 12, 13, 14, 2012

W6CX Nets and Repeater Frequencies

Monday 7:00 pm Washington High School Net 147.060+

Monday 8:00 pm SATERN Net 147.060+

Thursday 7:30 pm MDARC Club Net 147.060+

Thursday 8:00 pm General ATV Net 1241.250+

Tuesday 7:30 pm Fat City 10 meter USB/CW Net 28.420 MHz

FM 147.060 MHz + / PL 100Hz - EchoLink: W6CX-R /133896, IRLP: 3057
224.780 MHz - / PL 77Hz 441.325 MHz + / PL 100Hz

D-STAR 145.000 offset plus 2.5 MHz

<http://www.dstarusers.org/viewrepeater.php?system=W6CX>

Dashboard link is: <https://64.81.254.107/status.html>

ATV Input: 1289.25 MHz AM/FM. Outputs 1241.25 MHz AM 919.25 MHz AM

ATV Internet Stream: <http://www.w6cxatv.net/live>

Contra Costa County Emergency Communications Nets

Every Thursday

<http://www.coco-races.org/meetings/nets/>

6:35 pm HF Countywide 3.893 MHz LSB

6:45 pm West County 145.110-- (82.5 PL)

7:00 pm Central County 145.680 Simplex

7:00 pm East County 146.535 Simplex

7:00 pm South County 146.355+ (77.0 PL)

7:20 pm Countywide 145.490-- (107.3 PL)

May 2012 and June 2012 Club Calendar

Friday May 18, 2012	7:30pm	MDARC General Meeting - <i>Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette</i>
Saturday June 2, 2012	9:00 am	MDARC Technical Committee <i>Environmental Center, 2581 Harbor Street, Pittsburg</i>
Monday June 4, 2012	7:00 pm	MDARC Board Meeting **NOTE NEW LOCATION** <i>Black Bear Diner, 700 Bancroft Road, Walnut Creek</i>
Friday June 15, 2012	7:30pm	MDARC General Meeting <i>Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette</i>

ARRL Field Day Weekend Saturday June 23 and Sunday June 24, 2012